

# DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

U.S. CFR § 1.63; includes reference to PCT Internatlk .pptl

CURTIS, MORRIS & SAFFORD, P.C. File No. 450104-2921 3165

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention ENTITLED: RECORDING APPARATUS AND REPRODUCING APPARATUS the specification of which is attached hereto.

was filed on Feb. 2, 1995 as ☒ PCT International ☐ United States Application, No. JP95/00136 with amendment(s) through \_\_\_\_\_ (if applicable, give dates).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application for patent or inventor's certificate or any PCT international applications designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

Prior Foreign/PCT Application(s) [list additional applications on separate page]:		Priority Claimed:	
Country (or PCT)	Application Number:	Filed (Day/Month/Year):	Yes No
Japan	P6-011161	February 2, 1994	<input checked="" type="checkbox"/> <input type="checkbox"/>
	P6-016709	February 10, 1994	<input checked="" type="checkbox"/> <input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

Prior U.S. (or U.S.-designating PCT) Application(s) [list additional applications on separate page]:  
 U.S. Serial No.: \_\_\_\_\_ Filed (Day/Month/Year): \_\_\_\_\_ PCT Application No. \_\_\_\_\_ Status (patented, pending, abandoned): \_\_\_\_\_

I hereby appoint William S. Frommer, Registration No. 25,506, and Alvin Sinderbrand, Registration No. 16,313, and CURTIS, MORRIS & SAFFORD, P.C., Registration No. 12,761, or their duly appointed associate, my attorneys, with full power of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to file continuation and divisional applications thereof, to receive the Patent, and to transact all business in the Patent and Trademark Office and in the Courts in connection therewith, and specify that all communications about the application are to be directed to the following correspondence address:

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 to the attention  
 of William S. Frommer, Esq.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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 Signature: \_\_\_\_\_

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Note: In order to qualify for reduced fees available to Small Entities, each inventor and any other individual or entity having rights to the invention must also sign an appropriate separate "Verified Statement (Declaration) Claiming [or Supporting a Claim by Another for] Small Entity Status" form [e.g. for Independent Inventor, Small Business Concern, Nonprofit Organization, individual Non-Inventor].

## EXPLANATION OF REFERENCE NUMBERS

- 1 the source reproducing VTR
- 2 the A/D converter
- 3 the 1:N video-data compression encoder
- 4 the archive VTR
- 5 the device for inputting and setting the picture quality that the user desires
- 6 the 1:N video-data compression decoder
- 7 the D/A converter
- 8 the device for inputting and setting the channel that the user desires
- 9 the formatter
- 27 the control panel
- 28 the time code recording processing unit
- 29 the tape-speed control unit
- 30 the driver
- 31 the time code head
- 90 the tape-travel-speed and channel discriminating unit
- 91 the video-data compression rate discriminating circuit
- 92 the tape-travel-speed changing means
- 110-1, 110-2, 110-X the 1-inch omega VTRs
- 120-1, 120-2, 120-X the A/D converters
- 130-1, 130-2, 130-X the 1:N video-data compression encoders
- 100 the multiplexer
- 101 the archive VTR
- 102 the demultiplexer
- 103 the 1:N video-data compression decoder
- 104 the desired-reproduction-source setting device

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201A, 202A, 203A, ..., 216A the video compression units  
 201B, 202B, 203B, ..., 216B the encoding units  
 201C, 202C, 203C, ..., 216C the memory units  
 217 the signal control unit  
 218 the recording-signal timing control unit  
 A, B, C, D the recording heads  
 A', B', C', D' the recording heads  
 A'', B'', C'', D'' the erasing heads  
 219 the signal dividing unit  
 220 the reproduced-signal timing control unit  
 221D, 222D, 223D, ..., 236D the memory units  
 221E, 222E, 223E, ..., 236E the decoding units  
 221F, 222F, 223F, ..., 236F the video expanding units  
 300 the track  
 400 the drum  
 500 the track  
 510 the track  
 600 the signal synthesizing unit  
 A1, B1, C1, D1 the recording signal selection unit  
 A-1, B-1, A-2, B-2 the recording selection signals

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